## Soil Erosion and Sediment Control Plan for Operable Unit 8 Pilot Study, American Cyanamid Superfund Site

PREPARED FOR: Frank Calo/Somerset-Union SCD

Vincent Serafino/Somerset-Union SCD

COPY TO: Mark Austin/USEPA Region 2

Haiyesh Shah/NJDEP Russell Downey/Pfizer Inc.

Vince D'Aco/Quantum Management

PREPARED BY: CH2M HILL Project Team

DATE: July 10, 2013

#### Introduction

CH2M HILL has prepared this Soil Erosion and Sediment Control Plan (SESC) for Wyeth Holdings Corporation (WHC), on behalf of Pfizer, Inc. (Pfizer) as part of the pilot study proposed at the American Cyanamid Superfund Site in Bridgewater Township, New Jersey (Site). The pilot study will evaluate the feasibility and efficacy of treating materials contained within Impoundment 2 under Operable Unit 8 (OU 8), as part of the Focused Feasibility Study (FFS) process outlined in Section 4.1.3 of the Focused Feasibility Study Work Plan (CH2M HILL, 2012a).

The SESC has been prepared in accordance with the Statement of Work for developing an OU 8 FFS under the March 18, 2013, Administrative Settlement Agreement and Order of Consent for Remedial Design, Operable Unit 4 and Focused Feasibility Study, Operable Unit 8 (United States Environmental Protection Agency [USEPA] 2013). This document specifies the soil erosion and sediment control measures to be implemented in accordance with local, state and federal requirements. Soil disturbance is anticipated to result from activities associated with the pilot test and is regulated in Bridgewater Township under Article XXXVI.

The Site is a Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) site. CERCLA sites are exempted by law from the requirement to obtain Federal, State, or local permits related to any activities conducted completely onsite. Although formal permits are not required, actions on the site must meet the substantive requirements of federal, state, and local regulations. Therefore, to demonstrate that the substantive requirements for SESC are met, this soil erosion and sediment control plan was prepared in accordance with applicable requirements, for soil disturbances of more than 5,000 square feet. SESC plans are typically reviewed, approved, and certified by the Somerset-Union Soil Conservation District.

### Documents Included with this Design Package

- Soil Erosion and Sediment Control Plan Design Drawings (Attachment 1)
- Application for Plan Certification to Somerset-Union Soil Conservation District (Attachment 2)

#### **Potential Soil Disturbances**

Two areas of potential soil disturbance are identified on the attached design drawings.

- 100 ft by 100 ft equipment laydown area
- Construction entrance ramp

The total area of land expected to be disturbed is approximately 0.28 acres (Attachment 1). Soil erosion and sediment control measures will be implemented during initial site preparation and will be regularly inspected and maintained throughout the duration of the pilot study.

#### Soil Erosion and Sediment Control Features

Soil erosion and sediment control features are designed in conformance with *Standards for Soil Erosion* and *Sediment Control in New Jersey, 1999* and are depicted on the attached design drawings. Silt fences are proposed in 2 segments:

- Along the north side of the 100 ft by 100 ft equipment laydown area
- Along the east side of the equipment laydown area

Construction details for the silt fence are featured as well as details for the preparation and construction of the laydown area and construction entrance.

#### **Attachments**

Attachment 1 Soil Erosion and Sediment Control Plan – Design Drawings

Attachment 2 Application for Plan Certification to Somerset-Union Soil Conservation District

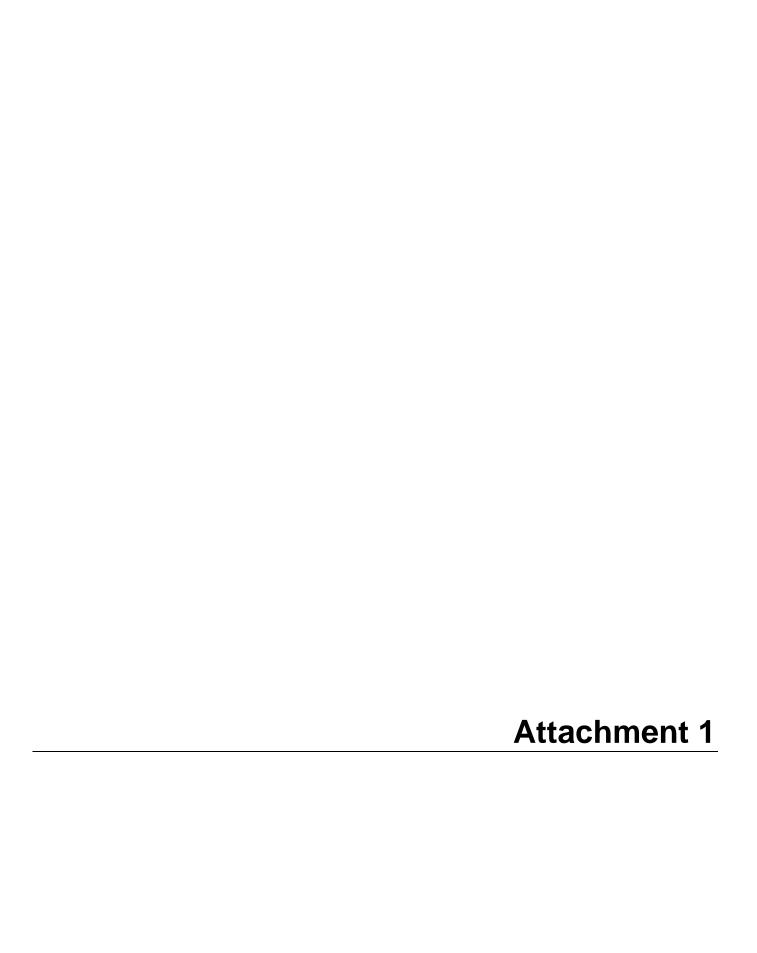
#### References

CH2M HILL. 2013a. Draft Report 100 Percent Design of Pilot Study for Operable Unit 8. June 18.

New Jersey Department of Environmental Protection (NJDEP). 1999. Soil Erosion and Sediment Control Standards. April.

U.S. Environmental Protection Agency (USEPA). 2013. *Administrative Settlement Agreement and Order on Consent for Remedial Design, Operable Unit 4 and Focused Feasibility Study, Operable Unit 8.* March.

ES022013212354MKE COPYRIGHT 2013 BY CH2M HILL • COMPANY CONFIDENTIAL



# IMPOUNDMENT #2 PILOT-SCALE DEMONSTRATION WYETH HOLDINGS CORPORATION AMERICAN CYANAMID SUPERFUND SITE BRIDGEWATER, NJ

#### DRAWING INDEX

SHEET NUMBER	DRAWING NUMBER	TITLE
GENERAL		
1	G-0001	COVER SHEET
2	G-0002	GENERAL NOTES, ABBREVIATIONS, AND LEGEND
3	G-0003	SITE SOIL/SEDIMENT EROSION CONTROL NOTES
CIVIL		
4	C-2001	SITE GENERAL ARRANGEMENT
+5	C-2002	MOORING LINE LAYOUT
* 6	C-2003	WORK ZONE AND EXCLUSION ZONE LOCATIONS
• 7	C-2004	PERIMETER AIR MONITORING LOCATIONS
8	C-2005	PRELIMINARY PILOT CAISSON AND FLEXIFLOAT CONFIGURATION
9	C-2101	SITE SOIL/SEDIMENT EROSION CONTROL PLAN
*10	C-2801	CROSS-FLOW PIPE UTILITY PLAN AND SECTION
11	C-3001	SECTIONS
12	C-5001	CONTAINMENT PAD AREA/DETAILS FOR ISS MATERIAL SECONDARY S/S OPERATIONS
13	C-5002	FLEXIFLOAT DRILL BARGE ASSEMBLY
14	C-5003	FLEXIFLOAT DRILL BARGE ASSEMBLY
15	C-5004	EQUIPMENT BENCH, GABION BASKET, AND SAFETY RAIL DETAILS
16	C-5005	PRE-CAST DROP-BOARD CULVERT
17	C-5101	SITE SOIL/SEDIMENT EROSION CONTROL DETAILS
STRUCTURAL		
18	S-2001	OVERALL CAISSON PLAN
19	S-2002	CAISSON SHROUD COVER - ISS PLAN AND ISOMETRIC VIEW
20	S-2003	CAISSON SHROUD COVER - BLANK PLAN AND ISOMETRIC VIEW
21	S-2004	CAISSON SHROUD COVER - ISTD PLAN, SECTION, ISOMETRIC VIEW AND SCHEDULE
22	S-3001	CAISSON ELEVATION, SECTIONS, AND ISOMETRIC
23	S-3002	LIFTING ELEVATION
24	S-5001	CAISSON DETAILS
25	S-5002	CAISSON DETAILS
26	S-5003	CAISSON DETAILS
27	S-5004	WOODEN STAIRS DETAILS
28	S-5005	GANGWAY

SITELOCATION



SITE LOCATION

#### TERRATHERM DRAWING INDEX

TITLE SHEET	DRAWING NUMBER	TITLE
CIVIL		
1	C101	SITE PLAN
2	C102	CAISSON LAYOUT (1 OF 2)
3	C102	CAISSON LAYOUT PROFILE (2 OF 2)
ELECTRICAL		
4	E100	ELECTRICAL LEGEND
5	E101	ONE LINE ELECTRICAL (1 OF 3)
6	E101	ONE LINE ELECTRICAL (2 OF 3)
7	E101	ONE LINE ELECTRICAL (3 OF 3)
8	E104	SWBD GROUNDING / NEUTRAL DETAIL (1 OF 2)
9	E104	GROUNDING DETAIL (2 OF 2)
MECHANICAL		
10	M101	MECHANICAL LAYOUT
PROCESS		
11	P101	PROCESS FLOW DIAGRAM
12	P102	P&ID, CAISSON EQUIPMENT (1 OF 7)
13	P102	P&ID, THERMAL OXIDIZER SYSTEM (2 OF 7)
14	P102	P&ID, SCRUBBER PACKAGE (3 OF 7)
15	P102	P&ID, LIQUID TREATMENT SYSTEM (4 OF 7)
16	P102	P&ID, ALTERNATE BYPASS SYSTEM (5 OF 7)
17	P102	P&ID, UTILITIES (6 OF 7)
18	P102	P&ID, COMPRESSED AIR & DRYER (7 OF 7)
19	P&ID	P&ID LEGEND SHT 1 (1 OF 4)
20	P&ID	P&ID LEGEND SHT 2 (2 OF 4)
21	P&ID	P&ID LEGEND SHT 3 (3 OF 4)
22	P&ID	P&ID LEGEND SHT 4 (4 OF 4)



VICINITY MAP

	PHILADELPHIA, PA 19103 PH (215) 563-4220 FAX (215) 563-3828							
	EB 0000072 AA 001992	1						
GENERAL	IMPOUNDMENTS 1 AND 2	00	2013/04/05	60% ISSUED F	60% ISSUED FOR PRELIMINARY REVIEW		R	>
COVED SHEET	WYETH HOLDINGS CORPORATION AMERICAN CYANAMID SUPERFIND SITE	4	2013/02/01	30% ISSUED F	30% ISSUED FOR PRELIMINARY REVIEW		RT	>
COVER SHIELD	20 POLHEMUS LANE	NO.	DATE		REVISION		ВУ	APVD
	BRIDGEWALER, IN	DSGN	7	DR	CHK	APVD		
			R. TRAVER	ER S. EMEREUWA	VA R. TRAVER		R. TF	R. TRAVER

#### SOIL EROSION AND SEDIMENT CONTROL NOTES:

- THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION CONTROL DEVICES DURING CONSTRUCTION.
- SUBCONTRACTOR SHALL TAKE ALL OTHER MEASURES TO POSITIVELY PRECLUDE EROSION
- THE SUBCONTRACTOR MUST NOTIFY SOMERSET-UNIONSOIL CONSERVATION DISTRICT (SCD) IN WRITING AND BY TELEPHONE AT THE FOLLOWING POINTS:
  THE REQUIRED PRE-CONSTRUCTION MEETING
- INSTALL SEDIMENT BARRIERS AROUND ANY STOCKPILE AREAS.
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY (NJ STANDARDS), AND WILL BE INSTALLED IN PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT STABILIZATION
- THE SUBCONTRACTOR SHALL CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES PER THE APPROVED PLAN AND CONSTRUCTION SEQUENCE. THE SUBCONTRACTOR SHALL ENSURE THAT ALL RUNOFF FROM DISTURBED AREAS IS DIRECTED TO THE SEDIMENT CONTROL DEVISES.
- THE SUBCONTRACTOR SHALL PROTECT ALL POINTS OF CONSTRUCTION INGRESS AND EGRESS TO PREVENT THE DEPOSITION OF MATERIALS ONTO SITE ROADWAYS. THE SUBCONTRACTOR SHALL INSTALL A MAT TO BE COMPOSED OF NJDOT NO. 2 CRUSHED STONE, 6" THICK, WILL BE AT LEAST 30' X 100' AND SHOULD BE UNDERLAIN WITH A SUITABLE SYNTHETIC SEDIMENT FILTER FABRIC AND MAINTAINED. ALL MATERIALS DEPOSITED ONTO SITE ROADS SHALL BE REMOVED IMMEDIATELY
- ALL SOIL WASHED, DROPPED, SPILLED, OR TRACKED OUTSIDE OTHER LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHT-OF-WAYS WILL BE REMOVED IMMEDIATELY. PAVED ROADWAYS MUST BE KEPT
- SOIL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS, INCLUDING AFTER EVERY STORM EVENT.
- ANY SURFACE WITH A SLOPE EXCEEDING 3:1 SHALL BE PROTECTED UTILIZING A SOIL EROSION CONTROL MATERIAL SUCH AS COCONUT JUTE.
- ANY DISTURBED AREA THAT WILL BE LEFT EXPOSED FOR MORE THAN THIRTY (30) DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC SHALL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AND MULCHING. IF THE SEASON PROHIBITS TEMPORARY SEEDING, THE DISTURBED AREA WILL BE MULCHED WITH SALT HAY OR EQUIVALENT AND BOUND IN ACCORDANCE WITH THE NJDOT STANDARDS (LE PEG AND TWINE MULCH NETTING, OR LIQUID MULCH BINDER)
- 10. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING ALL CRITICAL AREAS SUBJECT TO EROSION WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT. AT A RATE OF 2 TONS PER ACRE, ACCORDING TO THE NJ STANDARDS.
- PRIOR TO REMOVAL OF SEDIMENT CONTROL MEASURES. THE SUBCONTRACTOR SHALL STABILIZE AND HAVE ESTABLISHED PERMANENT STABILIZATION FOR ALL CONTRIBUTORY DISTURBED AREAS USING SOD OR AN APPROVED PERMANENT SEED MIXTURE WITH REQUIRED SOIL AMENDMENTS AND AN APPROVED ANCHORED MULCH:
  - -LIME 90 LBS./1,000 SF GROUND LIMESTONE; FERTILIZER 11 LBS./1,000 SF, 10-20-10 OR EQUIVALENT WORKED INTO THE SOIL A MINIMUM OF 4"
  - -SEED TYPE W WETLAND GRASS SEED MIXTURE; PLANT BETWEEN MARCH 15 AND NOV 15 -MULCH - SALT HAY OR SMALL GRAIN STRAW AT A RATE OF 70 TO 90 LBS./1,000 SF TO BE APPLIED ACCORDING TO THE NJ STANDARDS, MULCH SHALL BE SECURED BY APPROVED METHODS (I.E. PEG AND TWINE, MULCH NETTING, OR LIQUID MULCH BINDER).
- WHEN PROPERTY IS BROUGHT TO FINISHED GRADE AND PERMANENT STABILIZATION IS FOUND TO BE IMPRACTICAL, TEMPORARY SEED AND MULCH SHALL BE APPLIED:
  -LIME - 90 LBS./1,000 SF GROUND LIMESTONE; FERTILIZER - 11 LBS./1,000 SF, 10-20-10 OR

  - EQUIVALENT WORKED INTO THE SOIL A MINIMUM OF 4"
    -SEED TYPE W WETLAND GRASS SEED MIXTURE; PLANT BETWEEN MARCH 15 AND NOV. 15 -MULCH - SALT HAY OR SMALL GRAIN STRAW AT A RATE OF 70 TO 90 LBS./1,000 SF TO BE APPLIED ACCORDING TO THE NJ STANDARDS. MULCH SHALL BE SECURED BY APPROVED METHODS (I.E. PEG AND TWINE, MULCH NETTING, OR LIQUID MULCH BINDER)
  - THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUN-OFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES
- 13 PERMANENT SWALES OR OTHER POINTS OF CONCENTRATED WATER FLOW SHALL BE STABILIZED WITH SOD OR SEED WITH AN APPROVED EROSION CONTROL MATTING, RIP-RAP OR BY OTHER APPROVED STABILIZATION MEASURES
- INTERIM STOCKPILES ARE NOT TO BE LOCATED WITHIN 50' OF A FLOODPLAIN, SLOPE, ROADWAY OR DRAINAGE FACILITY. THE BASE OF ALL STOCKPILES SHALL BE CONTAINED BY A HAYBALE SEDIMENT
- 15. CATCH BASIN INLETS WILL BE PROTECTED WITH AN INLET FILTER DESIGNED IN ACCORDANCE WITH
- 16. STORM DRAINAGE OUTLETS WILL BE STABILIZED, AS REQUIRED, BEFORE THE DISCHARGE POINTS
- SURFACE DRAINAGE FLOWS OVER UNSTABILIZED CUT AND FILL SLOPES SHALL BE CONTROLLED BY EITHER PREVENTING DRAINAGE FLOWS FROM TRAVERSING THE SLOPES OR BY INSTALLING PROTECTIVE DEVICES TO LOWER THE WATER DOWNSLOPE WITHOUT CAUSING EROSION. DIKES SHALL BE INSTALLED AND MAINTAINED AT THE TOP OF CUT OR FILL SLOPES UNTIL THE SLOPE AND DRAINAGE AREA TO IT ARE FULLY STABILIZED, AT WHICH TIME THEY MUST BE REMOVED AND FINAL GRADING DONE TO PROMOTE SHEET FLOW DRAINAGE, PROTECTIVE METHODS MUST BE PROVIDED AT POINTS OF CONCENTRATED FLOW WHERE EROSION IS LIKELY TO OCCUR

- 18. DUST SHALL BE CONTROLLED VIA THE APPLICATION OF WATER, CALCIUM CHLORIDE OR OTHER APPROVED METHOD IN ACCORDANCE WITH SECTION 16-1 OF THE N.I STANDARD
- SEDIMENT TRAPS OR BASINS ARE NOT PERMITTED WITHIN 20 FEET OF A FOUNDATION THAT EXISTS OR IS UNDER CONSTRUCTION. NO STRUCTURE MAY BE CONSTRUCTED WITHIN 20 FEET OF AN ACTIVE SEDIMENT TRAP OR BASIN
- ALL TRAP DEPTH DIMENSIONS ARE RELATIVE TO THE OUTLET ELEVATION. ALL TRAPS MUST HAVE A STABLE OUTFALL, ALL TRAPS AND BASINS SHALL HAVE STABLE INFLOW POINTS
- SEDIMENT SHALL BE REMOVED AND THE TRAP OR BASIN RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE QUARTER OF THE TOTAL DEPTH OF THE TRAP OR BASIN. TOTAL DEPTH SHALL BE MEASURED FROM THE TRAP OR BASIN BOTTOM TO THE CREST OF THE OUTLET. SEDIMENT REMOVED FROM SEDIMENT TRAPS AND BASINS, WHEEL WASH, AND OTHER STRUCTURES SHALL BE ADDED TO THE SEDIMENT IN THE TEMPORARY STAGING AND STOCKPILING
- SEDIMENT REMOVED FROM TRAPS AND BASINS SHALL BE PLACED AND STABILIZED IN APPROVED AREAS, BUT NOT WITHIN A FLOODPLAIN, WETLAND, OR TREE-SAVE AREA, WHEN PUMPING SEDIMENT LADEN WATER, THE DISCHARGE MUST BE DIRECTED TO A SEDIMENT TRAPPING DEVICE PRIOR TO RELEASE FROM THE SITE. A SUMP PIT OR PORTABLE SEDIMENT TANK MAY BE USED IF SEDIMENT TRAPS THEMSELVES ARE BEING PUMPED OUT.
- WHERE DEEMED APPROPRIATE BY THE ENGINEER OR INSPECTOR, SEDIMENT BASINS AND TRAPS MAY NEED TO BE SURROUNDED WITH AN APPROVED SAFETY FENCE. THE FENCE MUST CONFORM TO LOCAL ORDINANCES AND REGULATIONS. THE DEVELOPER OR OWNER SHALL CHECK WITH LOCAL BUILDING OFFICIALS ON APPLICABLE SAFETY REQUIREMENT. WHERE SAFETY FENCE IS DEEMED APPROPRIATE AND ORDINANCES DO NOT SPECIFY FENCING SIZES AND TYPES, THE FOLLOWING SHALL BE USED AS A MINIMUM STANDARD: THE SAFETY FENCE MUST BE MADE OF WELDED WIRE AND AT LEAST 42 INCHES HIGH, HAVE POSTS SPACED NO FARTHER APART THAN 8 FEET, HAVE MESH OPENINGS NO GREATER THAN 2 INCHES IN WIDTH AND 4 INCHES IN HEIGHT WITH A MINIMUM OF 14 GAUGE WIRE. SAFETY FENCE MUST BE MAINTAINED IN GOOD CONDITION AT ALL TIMES.
- 24. OFF-SITE SPOIL OR BORROW AREAS ON STATE OR FEDERAL PROPERTY MUST HAVE PRIOR APPROVAL BY SOMERSET-UNION COUNTY SCD AND OTHER APPLICABLE STATE, FEDERAL, AND LOCAL AGENCIES; OTHERWISE APPROVAL MUST BE GRANTED BY THE LOCAL AUTHORITIES. ALL WASTE AND BORROW AREAS OFF-SITE MUST BE PROTECTED BY SEDIMENT CONTROL MEASURES AND STABILIZED.
- 25. SITES WHERE INFILTRATION DEVICES ARE USED FOR THE CONTROL OF STORMWATER, EXTREME CARE MUST BE TAKEN TO PREVENT RUNOFF FROM UNSTABILIZED AREAS ENTERING THE EXCAVATION AREA DURING CONSTRUCTION. SEDIMENT CONTROL DEVICES PLACED IN INFILTRATION AREAS MUST HAVE BOTTOM ELEVATIONS AT LEAST TWO (2) FEET HIGHER THAN THE FINISH GRADE BOTTOM ELEVATION OF THE INFILTRATION PRACTICE, WHEN CONVERTING A SEDIMENT TRAP TO AN INFILTRATION DEVICE, ALL ACCUMULATED SEDIMENT MUST BE REMOVED AND DISPOSED OF PRIOR TO FINAL GRADING OF INFILTRATION DEVICE.
- THE SUBCONTRACTOR SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFF-SITE AS A RESULT OF CONSTRUCTION OF THE
- 27. ANY REVISION TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE SUBMITTED TO SOMERSET-UNION COUNTY SCD FOR REVIEW AND APPROVAL PRIOR TO IMPLEMENTATION IN THE FIELD.
- THE SOMERSET-UNION COUNTY SOIL CONSERVATION DISTRICT MUST BE NOTIFIED, IN WRITING, AT LEAST 48 HOURS PRIOR TO ANY LAND DISTURBANCE: SOMERSET-UNION SCD, SOMERSET COUNTY 4-H CENTER, 308 MILLTOWN ROAD, BRIDGEWATER, NJ 08807; TEL: 908-526-2701; FAX: 908-526-7017
- THE OWNER MUST OBTAIN A DISTRICT ISSUED REPORT OF COMPLIANCE PRIOR TO THE ISSUANCE OF ANY CERTIFICATE OF OCCUPANCY. SOMERSET-UNION COUNTY SCD REQUIRES AT LEAST ONE WEEK'S NOTICE TO FACILITATE THE SCHEDULING OF ALL REPORT OF COMPLIANCE INSPECTIONS. ALL SITE WORK MUST BE COMPLETED, INCLUDING TEMPORARY/PERMANENT STABILIZATION OF ALL EXPOSED AREAS, PRIOR TO THE ISSUANCE OF A REPORT OF COMPLIANCE BY BERGEN COUNTY.
- 30. SOMERSET-UNION COUNTY SCD INSPECTOR HAS THE OPTION OF REQUIRING ADDITIONAL SAFETY OR SEDIMENT CONTROL MEASURES, IF DEEMED NECESSARY
- THE SITE'S APPROVAL LETTER, APPROVED EROSION AND SEDIMENT CONTROL PLANS, DAILY LOG BOOKS, AND TEST REPORTS SHALL BE AVAILABLE AT THE PROJECT SITE THROUGHOUT CONSTRUCTION
- 32. SITE INFORMATION

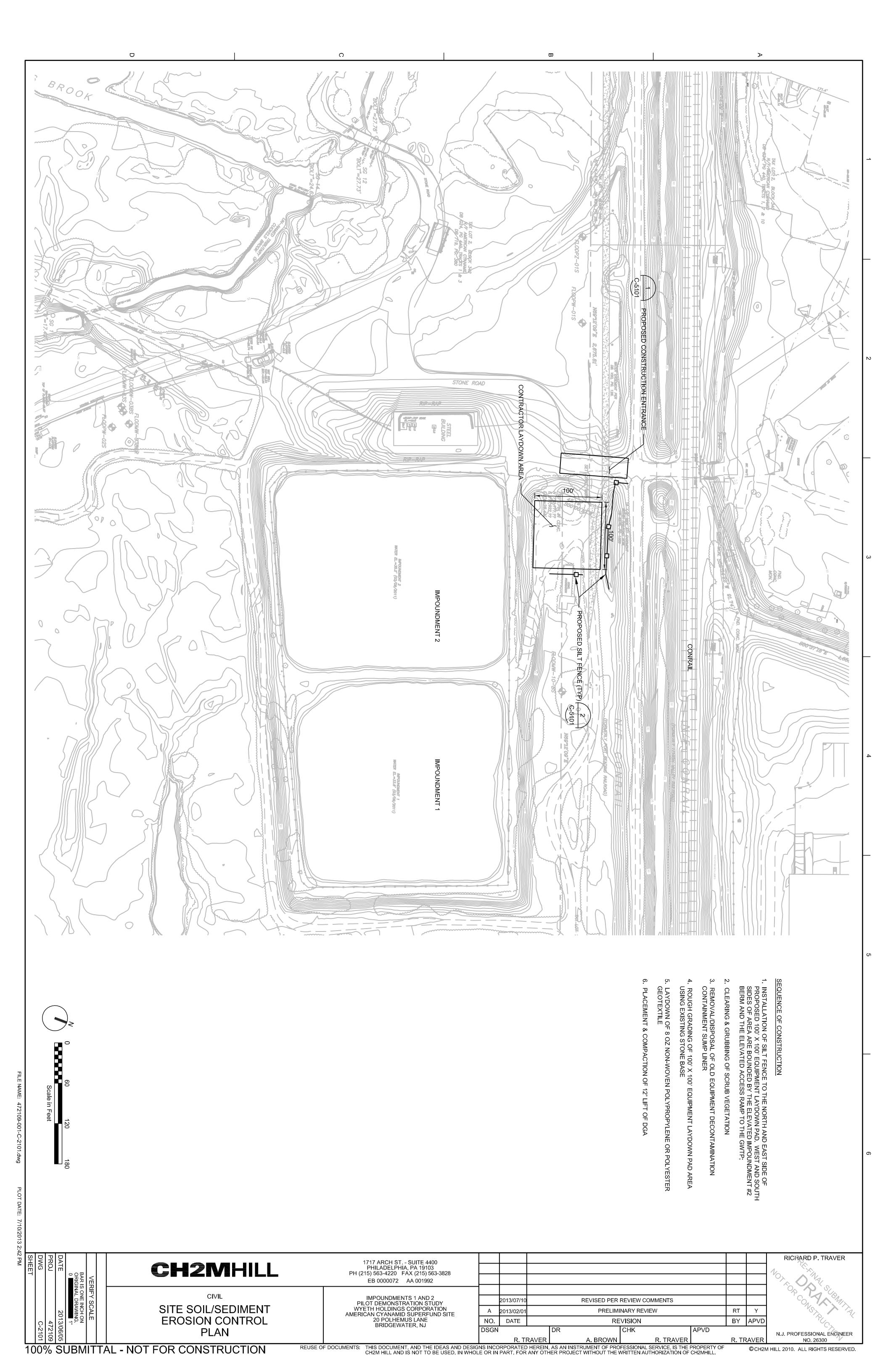
A. TOTAL AREA OF SITE APPROXIMATELY 4 ACRES B. AREA DISTURBED ACRES 0.28 C. TOTAL CUT CUBIC YARDS CUBIC YARDS D. TOTAL FILL

#### PROJECT SAMPLING REQUIREMENTS:

- SAMPLING OF SOIL WILL BE PERFORMED BY ENGINEER AND IS OUTSIDE THE SCOPE OF SERVICES
- SUBCONTRACTOR IS RESPONSIBLE FOR ALL DECONTAMINATION SAMPLING AND WIPE SAMPLING WHEN MOVING TO AN UNCONTAMINATED AREA



FILE NAME: 472109-000-G-0003 dwg PLOT DATE: 7/2/2013 8:24 AM



EXISTING PAVEMENT OR APPROVED ACCESS POINT.

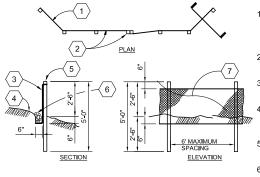
2. 25' R, MIN.

- CLEAN PIT RUN OR NJ DOT STANDARD NO. 2 STONE.
- 4. FREE DRAINING EXCAVATED MATERIAL.
- 5. GEOTEXTILE

#### NOTES:

- A. ADDITION GRAVEL SHALL BE ADDED PERIODICALLY TO MAINTAIN PROPER FUNCTION OF THE PAD.
- B. REMOVE GRAVEL ENTRANCE AND REPLACE WITH NEW BASE COURSE PRIOR TO COMPLETION OF ACCESS ROAD.





#### NOTES:

- A. BURY BOTTOM OF FILTER FABRIC 6" VERTICALLY BELOW FINISHED GRADE.

  THISHED GRADE.

  THE FABRIC MATERIAL, 36" WIDE ROLLS
- B. 2"x4" DOUGLAS FIR OR STEEL FENCE POSTS.
- C. STITCHED LOOPS TO BE INSTALLED DOWNHILL SIDE OF SLOPE.
- D. COMPACT ALL AREAS OF FILTER FABRIC TRENCH.



ANGLE BOTH ENDS OF FILTER FABRIC FENCE TO ASSURE SOIL IS TRAPPED

2. INTERLOCKED 2"x4" POSTS AND ATTACH

FILTER FABRIC MATERIAL

NEWLY GRADED OR DISTURBED SLOPE

USE STITCHED LOOPS OVER 2"x4" POSTS

PROVIDE BASE COURSE BACKFILL IN TRENCH

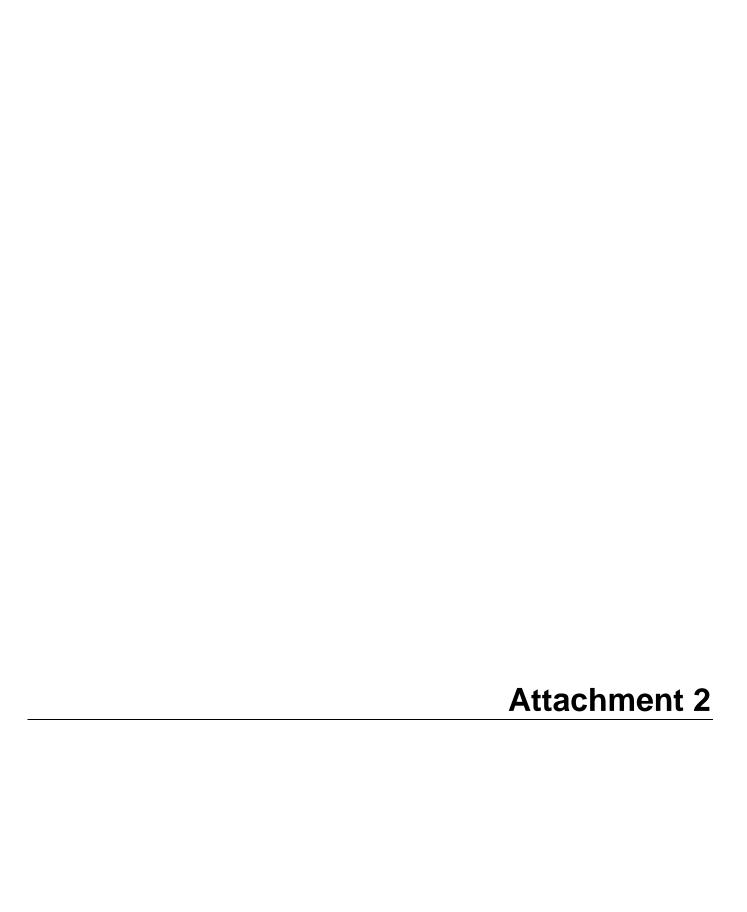
1717 ARCH ST. - SUITE 4400 PHILADELPHIA, PA 19103 PH (215) 563-4220 FAX (215) 563 SITE SOIL/SEDIMENT EROSION CONTROL DETAILS SITE SOIL/SEDIMENT
EROSION CONTROL
DETAILS
SUBMITTAL - NOT FOR CONSTRUCTION 1"=20' VERIFY SCALE

BAR IS ONE INCH ON

PROJ DWG SHEET 472109 % C-5101 00

FILE NAME: 472109-001-C-5101.dwg

PLOT DATE: 6/28/2013 3:44 PM





For District Use Only	
Application Number	

#### APPLICATION FOR SOIL EROSION AND SEDIMENT CONTROL PLAN CERTIFICATION

The enclosed soil erosion and sediment control plan and supporting information are submitted for certification pursuant to the Soil Erosion and Sediment Control Act, Chapter 251, P.L. 1975 as amended (NJSA 4:24-39 et. seq.) An application for certification of a soil erosion and sediment control plan shall include the items listed on the reverse side of this form.

Name of Project American Cyanamid Su	uperfund Site Impoundment 1 and 2 Pilot Study	Project Location: Municipality Bridgewater Townshi	p	
Project Street Address 2	20 Polhemus Lane	Block 342	Lot 2	
Project Owner(s) Name WYETH Holdin	g Corporation - Russell Downey		Phone # 908-90 Fax # 212-338	
Project Owner(s) Street A 100 Route 206 No	ddress (No P.O. Box Numbers) rth, Mail Stop 414	City Peapack	State NJ	Zip <b>07977</b>
Total Area of Project (Acres) 4 Acres	Total Area or Land to be Disturbed (Acres) 0.28 Acres	No. Dwelling or other Units NA	Fee \$ 580.00	
Plans Prepared by* CH2	M HILL Attn: Ric Traver		Phone # 215-64 Fax # 215-640	
Street Address 1717 A	rch Street Suite 4400	City Philadelphia	State PA	Zip 19103

(Engineering related items of the Soil Erosion and Sediment Control Plan MUST be prepared by or under the direction of and be sealed by a Professional Engineer or Architect licensed in the State of New Jersey, in accordance with NJAC 13:27-6.1 et. seq.)

Agent Responsible During Con-	struction CH2M HII	LL		
Street Address 1717 Arch	Street Suite 4400			
City Philadelphia	State PA	Zip 19103	Phone 215-563-4220	Fax # 215-563-3828

The applicant hereby certifies that all soil erosion and sediment control measures are designed in accordance with current **Standards for Soil Erosion and Sediment Control In New Jersey** and will be installed in accordance with those Standards and the plan as approved by the Soil Conservation District and agrees as follows:

- To notify the District in writing at least 48 hours in advance of any land disturbance activity. Failure to provide such notification may result in additional inspection fees.
- To notify the District upon completion of the Project (Note: No certificate of occupancy can be granted until a report of compliance is issued by the District.
- 3. To maintain a copy of the certified plan on the project site during construction.
- 4. To allow District agents to go upon project lands for inspection.
- That any conveyance of this project or portion thereof prior to its completion will transfer full responsibility for compliance with the certified plan to any subsequent owners.
- To comply with all terms and conditions of this application and certified plan including payment of all fees prescribed by the district fee schedule hereby incorporated by reference.

The applicant hereby acknowledges that structural measures contained in the Soil Erosion and Sediment Control Plan are reviewed for adequacy to reduce offsite soil erosion and sedimentation and not for adequacy of structural design. The applicant shall retain full responsibility for any damages which may result from any construction activity notwithstanding district certification of the subject soil erosion and sedmient control plan. It is understood that approval of the plan submitted with this application shall be valid only for the duration of the inital project approval granted by the municipality. All municipal renewals of this project will require submission and approval by the district. In no case shall the approval extend beyond three and one half years at which time resubmission and certification will be required. Soil Erosion and Sediment Control Plan certification is limited to the controls specified in the plan. It is not authorization to engage in the proposed land use unless such use has been previously approved by the municipality or other controlling agency.

1. Applicant Certification*	3. Plan determined complete:
Signature Date  Applicant Name (Print)	Signature of District Official Date
Applicant Name (Film)	
2. Receipt of fee, plan and supporting documents is hereby acknowledged:	4. Plan certified, denied or other actions noted above. Special Remarks:
Signature of District Official Date	Signature of District Official Date

\*If other than project owner, written authorization of owner must be attached.

SSCC251 AP10 4/99

#### ADDENDUM

#### OWNERSHIP DISCLOSURE AFFIDAVIT

#### APPLICATION BY CORPORATION OR PARTNERSHIP

All applicants for Soil Erosion and Sediment Control Plan Certification are requested to submit a list of project owners on this form for purposes of determining potential conflicts of interest between the applicant and Soil Conservation District Officials. Attach rider in necessary.

A Corporation must also indicate its Registered Agent and Officers.

A Corporation or Partnership applying to the Soil Conservation District for plan certification, or applying for other approvals shall list the names and addresses of all stockholers or individual partners woning at least 10% of its stock of any class, or at least 10% of the interest in the partnership, as the case may be.

This disclosure requirement is continuing during the Certification period. Any transfer of ownership of more than 10% must be disclosed to the district.

ne: 908-901-6079
212-338-1649
Print Name of Authorized Signatory
Authorized Signature/Date
 Title